



## Middlesex County College Course Equivalency Guide

### Couple and Family Therapy

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	Credits
Psychology, General – <b>PSY 123</b>	3
Abnormal Psychology- <b>PSY 235</b>	3
Statistics – <b>MAT 123, 124, 285</b>	3
<b>Total</b>	<b>9</b>

### Medical Laboratory Sciences & Biotechnology (Biotechnology, Cytotechnology, Medical Laboratory Science)

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	2 Yr BS Program credits	1 Yr BS Program credits	2 Yr Combined BS/MS Program credits	Professional MS (1 & 2 Yr) Program credits
Biology I w/ lab- <b>BIOL 117 or 123</b>	4	4	4	4
Biology II w/ lab- <b>BIOL 118 or 124</b>	4	4	4	4
Chemistry I w/ lab- <b>CHM 117 or 121/125</b>	4	4	4	4
Chemistry II w/ lab- <b>CHM 118 or 122/126</b>	4	4	4	4
Anatomy & Physiology I w/ lab- <b>BIO 111</b>	4	4	4	4
Anatomy & Physiology II w/ lab- <b>BIO 112</b>	4	4	4	4
Organic Chemistry w/ lab- <b>CHM 221/227</b>	4	4	4	4
Statistics- <b>MAT 123, 124, 285</b>	3	3	3	3
English- <b>ENG 121 &amp; higher (Must be writing intensive)</b>	6	6	6	6
Electives	18	33	45	*Bachelor's Degree
<b>Total</b>	<b>55</b>	<b>70</b>	<b>82</b>	<b>37</b>

**Nursing: FACT-1 Year & FACT-2 Year (second degree seekers)**

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>Credits</b>
Anatomy & Physiology – <b>BIO 111 &amp; 112</b>	8
Microbiology – <b>BIO 221 (preferred) or 211</b>	4
General Chemistry – <b>CHM 117 &amp; 118 or 121/122 &amp; 125/126, 202</b>	8
Statistics – <b>MAT 123, 124, 285</b>	3
Nutrition – <b>HCD 105</b>	3
Electives – <b>any 3 or 4 credit theory-based courses</b>	39
<b>Total</b>	<b>65</b>

**Nursing – Prelicensure BSN**

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>Credits</b>
Anatomy & Physiology – <b>BIO 111/112</b>	8
Microbiology – <b>BIO 221 (preferred) or 211</b>	4
General Chemistry I – <b>CHM 117, 119, 123</b>	4
General Chemistry II or Biochemistry – <b>CHM 118, 120, 124, 202</b>	4
Mathematics (college algebra or higher) – <b>MAT 109, 112, 129, 131</b>	3
Statistics – <b>MAT 123, 124, 285</b>	3
English Composition – <b>ENG 121</b>	3
English Elective – <b>ENG 122 or higher</b>	3
Psychology, General – <b>PSY 123</b>	3
Psychology, Developmental (or child) – <b>PSY 223</b>	3
Psychology, Abnormal – <b>PSY 235</b>	3
Sociology – <b>SOC 121</b>	3
Nutrition – <b>HCD 105</b>	3
Selective (logic, philosophy, ethics, critical thinking, diversity, ethnicity) – <b>PHI 121 or higher, SOC 123, 131, 205, 223, 224</b>	6
Electives (social sciences natural sciences, humanities, etc)	6
<b>Total</b>	<b>59</b>

### Occupational Therapy

Prerequisite Requirements (Must earn a 'C' or better in all transferable coursework)	Combined BSMS Credits	Entry-level Master's & Doctorate (OTD) credits
Anatomy & Physiology - <b>BIO 111 &amp; 112</b>	8	8
Developmental or Lifespan Psychology- <b>PSY 232</b>	3	3
Abnormal Psychology- <b>PSY 235</b>	3	3
Sociology- <b>Any SOC course</b>	3	3
Cultural Anthropology- <b>SOC 25, COMM 115</b>	3	3
English/Writing- <b>Any ENG courses</b>	6	6
Statistics- <b>MAT 123, 124, 285</b>	3	3
<b>Electives-</b> Humanities, Arts, Math, Social, or Natural Sciences	29	0
<b>Total</b>	<b>58</b>	<b>29</b>
*Strongly recommend Anatomy & Physiology. Other acceptable science courses include Kinesiology and Exercise Physiology		

### Perfusion and Extracorporeal Technology

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	Credits
Biology I w/lab – <b>BIO 117/118</b>	4
Biology II w/lab – <b>BIO 123/124</b>	4
Chemistry I w/lab – <b>CHM 117 or 121/125</b>	4
Chemistry II w/lab – <b>CHM 118 or 122/126</b>	4
Physics I w/lab – <b>PHY 123/125</b>	4
College level Math (Recommended: Calculus or Statistics) – <b>MAT 131, 123, 124 or 285</b>	3
<b>Total</b>	<b>23</b>

**Pharmacy**

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>Credits</b>
Anatomy & Physiology – <b>BIO 111/112</b>	8
General Biology – <b>BIO 117/118 or BIO 123/124</b>	8
General Chemistry – <b>CHM 117/118 or 121/125 and 122-126</b>	8
Calculus – <b>MAT 131</b>	3
Organic Chemistry – <b>CHM 221/227 and 222/228</b>	8
Physics – <b>PHY 123/125 and 124/126</b>	8
Microbiology – <b>BIO 211 or 221</b>	4
English Composition – <b>ENG 121</b>	3
Social Sciences – <b>PSY 123 or higher; SOC 121 or higher</b>	9
Humanities – <b>languages, arts, literature, history, philosophy</b>	9
<b>Total</b>	<b>68</b>

**Physical Therapy**

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>Credits</b>
Anatomy & Physiology - <b>BIO 111/112</b>	8
Biology - <b>BIO 117/118 or BIO 123/124</b>	8
Chemistry - <b>CHM 117/118 or 121/125 and 122-126</b>	8
Physics - <b>PHY 123/125 and 124/126</b>	8
Statistics – <b>MAT 123 or 124</b>	3
Mathematics (College algebra/trigonometry, pre-calculus, or calculus) – <b>MAT 116, 129, 131, or 210</b>	3
English Composition/Writing – <b>ENG 121 or higher</b>	6
Philosophy/Ethics – <b>Any PHI course</b>	3
Psychology (Introduction, Developmental, Child, Abnormal, or Health Psychology) – <b>PSY 123, 223, 232, or 235</b>	6
Sociology/Cultural course – <b>Any SOC course</b>	3
<b>Total</b>	<b>56</b>

**Physician Assistant Studies**

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>Credits</b>
Biology I w/ lab- <b>BIOL 117 or 123</b>	<b>4</b>
Biology II w/ lab- <b>BIOL 118 or 124</b>	<b>4</b>
Chemistry I w/ lab- <b>CHM 117 or 121/125</b>	<b>4</b>
Chemistry II w/ lab- <b>CHM 118 or 122/126</b>	<b>4</b>
Anatomy & Physiology I w/ lab- <b>BIO 111</b>	<b>4</b>
Anatomy & Physiology II w/ lab- <b>BIO 112</b>	<b>4</b>
Microbiology – <b>BIO 211 or 221</b>	<b>4</b>
Statistics- <b>MAT 123, 124, 285</b>	3
Psychology– <b>PSY 123 or higher</b>	3
	*Bachelor's Degree
<b>Total</b>	<b>34</b>

### **Radiologic Sciences**

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>All Concentrations/Nuclear Medicine</b>
Anatomy & Physiology – <b>BIO 111/112</b>	8/8
College Physics - <b>PHY 115/116 or 121/122 or 131/132</b>	8/8
College Chemistry - <b>CHM 117/118 or 123/124</b>	4/8
College Algebra, Trigonometry, Precalculus, or Calculus – <b>MAT 109, 112, 129, 131, 132</b>	6/6
Statistics- <b>MAT 123, 124, 285</b>	3/3
English Composition – <b>ENG 121</b>	6/6
English Elective- <b>ENG 122 and higher</b>	3/3
Medical Terminology – ( <i>no course # available</i> )	12/8
Electives (Arts, humanities, social sciences, etc.)	50
<b>Total</b>	<b>3/3</b>

